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signals in synchronism with the digital frames. An optical image generator is used to generate a sequence of optical images corresponding to the sequence of digital frames, the optical images being separated by or interspaced by black intervals defined by the blink signals, the black intervals being spaced to induce a stroboscopic effect in the eyes of the viewers.

The optical image generator preferably includes a light source generating light and an optical modulator receiving the light and modulating it in accordance with digital frames. The projector further includes a mixer adapted to generate control signals for the optical modulator in accordance with the digital frames and the blink signals. The mixer is adapted to generate modified frames, each frame including a black interval and data from one of the digital frames.

In another aspect of the invention a method of generating moving images from data is disclosed by generating blink signals selected to induce a stroboscopic effect in the eyes of a viewer; converting the data into images; and projecting said images and the blink signals in sequence with images being interspaced by blink signals. Preferably no light is projected during said black intervals.

BRIEF DESCRIPTION OF THE DRAWINGS

Figs. 1A, 1B and 1C show how two images may appear to a viewer, depending on the interval between the images and other factors;

Fig. 2 shows sequential frames separated by black intervals are generated by a standard movie projector;

Figs. 3A and 3B illustrate the distortion generated while the images of a vertically moving object are digitized;